

## Anti-HOXD11 antibody

<b>Cat. No.</b>	ml160497
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-HOXD11 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthetic peptide of human HOXD11
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.6 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	HOXD11
<b>Full name</b>	homeobox D11
<b>Synonyms</b>	Hox-4.6, Hoxd-11
<b>Swissprot</b>	P31277

### Target Background

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. The product of the mouse Hoxd11 gene plays a role in forelimb morphogenesis.

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#### Applications

##### Western blotting

Predicted band size: 34 kDa

Positive control: Mouse kidney tissue

Recommended dilution: 1000-3000

Gel: 10+12% SDS-PAGE

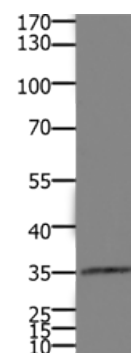
Lysate: 30 µg

Lane: Mouse kidney tissue

Primary antibody: ml160497 (HOXD11 Antibody) at dilution 1/1100

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 60 seconds



##### ELISA

Recommended dilution: 1000-5000

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